Microsoft Dynamics 365 Business Central Developers

Online Course

Course Modules

1.Describe Business Central

Describe the Business Central architecture
- Describe the components and capabilities of Business Central
- Describe the core solution and extensions approach
- Describe the update lifecycle for customizations
- Business Central Online and Business Central on-premises

Describe Business Central apps
- Differentiate between the base app and the system app
- Describe the functionality of apps
- Describe the process of bringing an app to AppSource

2.Install, develop, and deploy for Business Central

Install & config a Business Central development envmt
- Describe the development environment for Business Central
- Install and configure the development environment
- Manage JSON configuration files
- Manage multiple AL extensions in one workspace

Create, debug, and deploy an extension in Business Central
- Debug an extension with Visual Studio Code
- Deploy an extension
- Modify a Business Central extension in Visual Studio Code
- Manage multilanguage development
- Maintain extensions

3.Develop by using AL objects

Build and extend tables and pages in Business Central
- Develop Role Center pages
- Identify different page types
- Build and extend page objects
- Build and extend tables
- Build and extend enums

Build and extend reports
- Substitute a report
- Create a report layout
- Create document reports
- Design the data model of a report
- Implement multilanguage in reports
- Use report triggers, functions, and processing-only reports
- Develop the report request page

Design and create an XMLport
- Configure different XMLport properties
- Define nodes and their properties
- Use XMLports in AL code

Develop codeunits
- Create and access codeunits
- Use events and triggers
- Implement interfaces
- Create installation and upgrade codeunits

Work with entitlement and permission set objects
- Create and extend permission sets
- Override entitlements with inherent permissions
- Troubleshoot permission set

Create queries in Business Central
- Link and join data items
- Apply filters in query objects
- Use queries instead of record variables
- Aggregate data in query objects
- Use a query to create a report

4.Develop by using AL

Customize UI experience & implement onboarding techniques
- Create profiles in AL
- Use and create views in AL
- Develop the UI by using the user assistance model
- Integrate assisted setup
- Create teaching tips and in-app tours to onboard users
- Create an onboarding checklist

Describe the essential development standards
- Implement the data process model in Business Central
- Define the different functional table types and characteristics
- Use document standards in Business Central
- Implement master data standards and design patterns

Use AL to extend Business Central
- Create custom procedures
- Differentiate data types
- Manage files
- Manipulate data by using code
- Describe the basics of the AL

5.Work with development tools
Semi-atmtd processes & run standard Business Central tests
- Test applications in Business Central
- Install and run the Test Toolkit
- Develop test codeunits and procedures

Manage and analyze telemetry
- Monitor and analyze telemetry
- Configure telemetry
- Create custom telemetry signals

6.Integrate Business Central with other applications

Access Representational State Transfer (REST) services
- Use the different HTTP classes and their functions
- Get data from and send data to an external REST service
- Use and read JSON

Implement APIs
- Create and work with APIs
- Manage UI interaction when working with web services
- Use Read-Scale Out to improve performance

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